



GLIMPSE OF MOBILE LEARNING TECHNOLOGIES: A GOLDEN MEAN IN CURRENT EDUCATIONAL FIELD

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ABSTRACT

There is no discussion or doubt that we are currently in the world of technology. In this paper which is full a conceptual research paper, we have focused and developed the use of technology in field of education especially mobile learning technologies as one side having negative effects on students and another side, it has the positive effects in helping students to gain knowledge. We have outlined some apps used by students sometime either negatively or positively like You tube, Whatsapp, face book,... The proper use is missed because of no clear pedagogical model of mobile learning as some authors said. We have been ending by recommending all educational stakeholders, researchers as well as policy makers to develop pedagogical model for mobile learning. The author has advised the use of mobile learning technologies as neither to maximize nor to minimize its technology. It must be taken as a golden mean in educational field.

KEYWORDS: education, golden mean, m-learning, m-learning technologies.

INTRODUCTION

Today we are living in society of technology based life in different sectors of long life style. By making a short look in some areas, in agriculture for example now days the use of sophisticated electronic machines and empirical based agricultural activities are done. Not only in that sector said, in commercial, transport either in ocean, by road or airlines, technology is used also. The educational field is the one of those sectors which has been being undergone the influences of that technology. Currently in classroom both management and dairy activities, the use of new methods and techniques have been being involved based on technology. According to (M.Vanaja, S.Rajasek, 2007) "Technology has become an essential part of education in all levels. The absence of any educational technology program of study fails to foster the professional development of educators in the area of media and educational technology."

As seen above, the use of technology in our developmental world is a must including educational areas. The authors continue to confirm that computers and other devices such as mobile phones almost universally generate excitement and enthusiasm in technology of our time. In this paper I am going to make a look of use the mobile phone technologies in field of learning. The mobile learning technologies have double nature both dark and light side that the author of this paper called golden mean. The author confirms to be careful in extremities use of mobile devices. For him better neither to maximize nor to minimize its use in field of education. According to Naismith et al. (2004) "models for using and developing mobile applications for learning are somewhat lacking, there is a need to formulate appropriate pedagogical models and to develop innovative strategies to integrate mobile applications in learning and teaching." This is taken as one of the enormous challenge of mobile learning technologies current education is facing. The teachers, educators, philosophers in field, researchers as well as professionals in the said field are called to make a broad look.

USE OF MOBILE DEVICE IN GENERAL SENSE

Traditionally the means of communication was only oral as the most cheaply available at the time in face to face. The evolution of the people in the world, political and governance revolution of different countries, technological and scientific development have been bringing a vivid change in the sector of communication. The new sophisticated material such as cell phones had been invented for both far and easy communication. Singh, (2005) said that Cell phones have changed the way society thinks, operates and communicates. One advantage of cell phones is that it allows its users the advantage of a wider opportunity to communicate by a principle call frequency reuse. As said here, the invention of cell phones and mobile phones was to facilitate the people to communicate cheaply either being far or closely. But nowadays there are enormous uses of mobile phones additional to communication as means. In 1900 Reginald Fessenden invented early broadcasting transatlantic two way voice communication and later television (John F. Clark, 1975). Today we have the remarkable utilization of mobile phones in a lot of purposes. In business sector, transport, medicine, agriculture as well as education it has been becoming a ubiquitous material. The device faced improvement in designing and manufacturing as well as the use of internet. The 1st generation (1G) brought something new in internet and social networking. Few days later 2G, 3G, now we are facing fourth generation (4G); with internet of high speed.

MOBILE LEARNING DEVICE TO SUPPORT STUDENTS

This is new version of delivering by facilitators and receiving by learners of knowledge, skills , changed behaviour as well. The innovation in teaching and

learning by using m-learning is the modern way to support learning process through mobile device.

The new context enables students as users of mobile devices with access to a communications network to study anywhere and anytime. Faced with this new scenario, educational institutions have no option but to adapt; they have to modify their platforms to enable various means of access to resources from different types of device. The objective must be not to lose the competitive advantage (Cobcroft et al., 2006).

The different researchers try to outline objectives of m-learning. The following ones we got from website

Encourage 'anywhere, anytime' learning

Mobile devices allow students to gather, access, and process information outside the classroom. They can encourage learning in a real-world context, and help bridge school, after school, and home environments (<http://Mobl21.com>) The handheld, tablet computers, MP3 players, smart phones in this case should be use as the devices to help learning improvement. The student can get knowledge, information while being either at home or at school ground. Anywhere learning, anytime learning due to mobile devices contribution.

According to Yousef Mehdi pour, (2013). "It is important to bring new technology into the classroom. Devices used are more lightweight than books and PCs. Mobile learning can be used to diversify the types of learning activities students partake in (or a blended learning approach). Mobile learning supports the learning process rather than being integral to it. Mobile learning can be a useful add-on tool for students with special needs."

MOBILE TECHNOLOGIES AND CHALLENGE IN CLASSROOM MANAGEMENT

Mobile device as means of communication nowadays has sophisticated technology wherein you should send voicemail, sms(short message system), send and receive audio video files.

The following are some of used current applications: Bluetooth with wireless technology, whatsapp, instagram app, You tube, Flickr, Last.fm, Foursquare, WeChat app, Urbanspoon, podcasts, Twitter app, imo app, facebook app, shareit, wikis, RSS(Really Simple Syndication), QQ, Qzone app, Tumblr app, Baibu app, viber app, Sina weibo app, snap chat app,...

According to some authors (Traxler, 2006; Froberg, 2006; Sharples, 2010), we are living in a so-called 'mobile era', and there is talk of a new revolution at hand; a revolution where mobile devices play a key role. The rapid evolution of wireless technologies and the unremitting development of applications (apps) for mobile devices in recent years are good examples of that. In particular, new types of devices have burst onto the educational scene regardless of the day-to-day activities undertaken by educators and educational institutions.

Educational institutions are facing the challenge of providing students with tools for mobile learning (m-learning). For example, it is difficult to assess the different technology options available and to choose which ones are best suited to a particular context (A. Rius, Masp D. & Clarso R, (2014). These authors continued to say that to explore different technologies and provide useful information to guide institutional investment in the development of m-learning tools is an

important step. This means that we have to pay attention of mobile device technologies in field of education. We have as educators and educational researchers to assess and evaluate as well the new mobile technology available before incorporating it in teaching learning process.

LACK OF PEDAGOGICAL MODEL OF M-LEARNING

Even if the increasing of m-learning use is currently observable, the techniques and clear management in all levels of education is not yet getting its hour. Theories and methodologies of its use currently are not available. The policy and implementation are applied individually in each institution of education. According to Baiyun Chen, Ryan Seilhamer, Luke Bennett and Sue Bauer, (2015), "technology adoption in higher education is more than applying technical innovations. Wide-scale institutional implementation requires clear university policy, device availability, and readily accessible technical and pedagogical support. A lack of effective training to ensure that faculty have the skills they need to guide students is tied to institutional issues ranging from funding shortages to low administrative and technical support to a lack of formal digital literacy agendas."

You teachers, educational policy makers, educational philosophers and educational researchers as well this is your time to look deeply into the recent trends of education including mobile learning. Unless to maximize the use of full mobile technologies in field of education, should have some negative effects on the output. To minimize its use should have dark side effects on learners too till we don't have pedagogical models appropriated.

DUAL NATURE OF MOBILE LEARNING TECHNOLOGIES

The new technology based teaching learning faces the full positive results when using mobile devices. There are two sides opposed, one side the full use or maximizing mobile learning technologies should darkening some students both in primary and secondary level. This is because of their age for self control. Learning implementation with mobile device improve learning in sense student should learn both anytime and anyplace.

According to Mengtian Cui, (2014) "the Mobile phone media has two sides of the impact on the students possess dual nature. Mobile phone media breaks the constraints of time and space, providing a wealth of information resources to facilitate student learning exchanges. Also, if the Mobile phone medias in the improper application by secondary school students, students learning styles may also lead to alienation, physical decline, moral personality dislocation, language learning weakening and so on."

It is responsibility of educational stakeholders to search and maintain the proper way for using mobile device technologies benefitful. In his paper, Mengtian Cui continued to say the double impact of mobile learning as following:

Mobile learning technologies bring facilities on accessing to information resources, meanwhile, it may affect the learning way of students

The student using mobile technologies gets information from different resources but also he should be weakened by it in field of analyzing and interpreting. He makes the mistakes of copy and paste with laziness. Mengtian Cui, (2014) said that Mobile phone media for students of information processing, dissemination provides convenient, but also for the students to copy, paste, copy information resource provides an opportunity of leading the way students learn laziness. Information Resources illustrated something by audio and video and animation, which may weaken the students' the ability to analyze and thinking.

Besides, mobile learning technologies should affect student in psychological and mental manner if there is no advice and counselling with vivid policy of institution. It is a golden mean in field of education.

CONCLUSION

In this full conceptual research paper, we have tried our best in outlining the light side use of mobile learning technologies where we have seen that it is a means of gaining information, knowledge and skills from different resources. Meanwhile, the new technology of learning and delivering knowledge by mobile devices, helped by different educational researchers we have seen that should present the dark side part or negative effects in learning efficiently. This is why in this conclusion we recommend all persons in charge of education to research deeply and find out the proper pedagogical model of using mobile learning technologies. To maximize its use should one side or others either strengthen or weaken student. To minimize it should do the same too. Till now the extremity use should taken carefully. It's that this paper's author called a golden mean in educational field.

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